

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Robert A. Nottingham, et al.

Serial No.: Unknown

Confirmation No.: Unknown

Filed: Herewith

For: Radial Pumping Oil Seal for  
Fluid Dynamic Bearing Motor

§  
§ Group Art Unit: Unknown  
§  
§  
§ Examiner: Unknown  
§  
§

MAIL STOP  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

<b>CERTIFICATE OF MAILING</b> 37 CFR 1.8	
I hereby certify that this correspondence is being deposited on <u>December 30, 2003</u> with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.	
<u>12/30/2003</u> Date	 Signature

**INFORMATION DISCLOSURE STATEMENT**

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/SEA/3341/BTP.

Respectfully submitted,



Peter L. Brewer  
Registration No. 41,636  
B. Todd Patterson  
Registration No. 37,906  
**MOSER, PATTERSON & SHERIDAN, L.L.P.**  
3040 Post Oak Blvd. Suite 1500  
Houston, TX 77056  
Telephone: (713) 623-4844  
Facsimile: (713) 623-4846

Attorney for Applicant,  
Seagate Technology L.L.C.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. SEA/3341		Serial No. UNKNOWN	
LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT				Applicant Tiller, et al.		Confirmation No.: UNKNOWN	
(Use several sheets if necessary)				Filing Date HEREWITH		Group UNKNOWN	
<b>U.S. Patent Documents</b>							
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	U.S. Serial No. 10/099,205		Aiello, et al.			03/13/2002
	A2	4,132,414	01/02/1979	Dinsdale	274	39 R	09/08/1975
	A3	5,328,270	07/12/1994	Crawford, et al.	384	100	03/25/1993
	A4	5,347,189	09/13/1994	Chuta, et al.	310	90	09/25/1992
	A5	5,423,612	06/13/1995	Zang, et al.	384	119	09/16/1994
	A6	5,487,608	01/30/1996	Leuthold, et al.	384	113	07/22/1994
	A7	5,516,212	05/14/1996	Titcomb	384	107	09/18/1995
	A8	5,524,986	06/11/1996	Leuthold, et al.	384	119	08/02/1994
	A9	5,533,812	07/09/1996	Leuthold, et al.	384	112	07/22/1994
	A10	5,577,842	11/26/1996	Parsoneault, et al.	384	114	08/30/1995
	A11	5,601,125	02/11/1997	Parsoneault, et al.	141	51	07/18/1995
	A12	5,653,540	08/05/1997	Heine et al.	384	123	10/19/1995
	A13	5,678,929	10/21/1997	Parsoneault, et al.	384	112	05/20/1996
<b>Foreign Patent Documents</b>							
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation
							YES <input type="checkbox"/> NO <input type="checkbox"/>
	B1						<input type="checkbox"/> <input type="checkbox"/>
	B2						<input type="checkbox"/> <input type="checkbox"/>
<b>OTHER ART</b>							
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.					
	C1	International Search Report Application No. PCT/US 02/40784 dated September 18, 2003.					
	C2						
Examiner				Date Considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.							

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. SEA/3341	Serial No. UNKNOWN
<b>LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT</b>				Applicant Tiller, et al.	UNKNOWN
(Use several sheets if necessary)				Filing Date UNKNOWN	Group UNKNOWN
	Examiner UNKNOWN				

**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A14	5,685,647	11/11/1997	Leuthold, et al.	384	113	06/07/1995
	A15	5,716,141	02/10/1998	Chen	384	114	09/30/1996
	A16	5,793,129	08/11/1998	Parsoneault, et al.	310	42	05/30/1997
	A17	5,847,479	12/08/1998	Wang, et al.	310	90	04/15/1997
	A18	5,908,247	06/01/1999	Leuthold, et al.	384	114	11/14/1994
	A19	5,925,955	07/20/1999	Norris	310	90	05/15/1997
	A20	5,940,246	08/17/1999	Khan, et al.	360	99.08	11/14/1996
	A21	5,956,204	09/21/1999	Dunfield, et al.	360	98.07	02/13/1995
	A22	5,969,903	10/19/1999	Parsoneault, et al.	360	99.08	08/17/1998
	A23	5,977,674	11/02/1999	Leuthold, et al.	310	90	10/21/1997
	A24	5,980,113	11/09/1999	Grantz	384	108	04/14/1998
	A25	6,019,516	02/01/2000	Leuthold, et al.	384	110	04/14/1998
	A26	6,055,126	04/25/2000	Kennedy, et al.	360	99.08	07/06/1998
	A27	6,065,877	05/23/2000	Leuthold, et al.	384	278	10/23/1998
	A28	6,118,620	09/12/2000	Grantz, et al.	360	99.08	04/14/1998
	A29	6,137,650	10/24/2000	Heine, et al.	360	98.07	12/19/1997

**Foreign Patent Documents**

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1						<input type="checkbox"/>	<input type="checkbox"/>
	B2						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER ART**

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	
	C2	

Examiner	Date Considered
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. SEA/3341		Serial No. UNKNOWN	
<b>LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT</b>					Applicant Tiller, et al.		Confirmation No.: UNKNOWN	
(Use several sheets if necessary)					Filing Date HEREWITH		Group UNKNOWN	
<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
	A30	6,144,523	11/07/2000	Murthy, et al.	360	99.08	12/19/1997	
	A31	6,148,501	11/21/2000	Grantz, et al.	29	603.03	04/14/1998	
	A32	6,149,159	11/21/2000	Kloeppe, et al.	277	399	06/30/1998	
	A33	6,149,161	11/21/2000	Grantz, et al.	277	427	04/14/1998	
	A34	6,183,135	02/06/2001	Kloeppe, et al.	384	112	03/18/1999	
	A35	6,280,088	08/28/2001	Leuthold, et al.	384	110	02/01/2000	
	A36	6,285,527	09/04/2001	Kennedy, et al.	360	99.08	01/12/2000	
	A37	6,296,390	10/02/2001	Wolff, et al.	384	112	02/24/1999	
	A38	6,296,391	10/02/2001	Hayakawa, et al.	384	119	06/08/1998	
	A39	6,402,383	06/11/2002	Parsonault, et al.	384	100	02/24/2000	
	A40	6,575,634	06/10/2003	Nottingham	384	110	06/28/2001	
	A41	6,583,952	06/24/2003	Grantz, et al.	360	99.08	07/24/2000	
	A42	6,594,883	07/22/2003	Kloeppe, et al.	29	596	06/15/2001	
<b>Foreign Patent Documents</b>								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1						<input type="checkbox"/>	<input type="checkbox"/>
	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>
	B4						<input type="checkbox"/>	<input type="checkbox"/>
	B5						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER ART</b>								
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.						
	C1							
	C2							
	C3							
Examiner					Date Considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								